

Linear Equations in One Variable Worksheet For Class 7

1. Check whether $x = 3$ is the solution of the linear equation $5 + 3x = 14$.
2. Solve the linear equation $2y + 4 = 3y$ by trial – and – error method.
3. Solve for x : $5(x - 2) + 3(x + 1) = 25$
4. Solve the equation $(x/2) = (x/3) + 1$ and verify the result.
5. Find the number which when multiplied by 7 is increased by 78.
6. The difference between the two numbers is 7. Six times the smaller plus the larger is 77. Find the numbers.
7. If a number is tripled and the result is increased by 4, we get 25. Find the number.
8. A man 4 times as old as his son. After 16 years, he will be only twice as old as his son. Find their present ages.
9. The length of a rectangular field is twice its breadth. If the perimeter of the field is 168 units, find the dimensions of the field.
10. Two-thirds of a number is less than the original number by 20. What is the number?